

PRODUCT SPECIFICATIONS SHEET

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SYMPHONY
BY AUREA STONE

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TEST ITEM	TEST METHODS	TEST RESULTS														
APPARENT DENSITY	EN 14617-1:2013	2.16g/cm3														
WATER ABSORPTION	EN 14617-1:2013	0,05%														
tv10H'S HARDNESS	EN 101	5														
FLEXURAL STRENGTH	EN 14617-2:2016	99MPA														
SLIP RESISTANCE (POLISHED)	EN 14231:2003	SRV "dry": 62 SRV "wet": 17														
ABRASION RESISTANCE	EN 14617-4:2012	23.0MM														
THERMAL SHOCK RESISTANCE	EN 14617-6:2012	Mass loss:0.03% Appearance: No visible defects Flexural strength after thermal shock:93.0?MPa Flexural strength loss: -4.7%														
IMPACT RESISTANCE	EN 14617-9:2005	16.47 J														
LINEAR THERMAL EXPANSION COEFFICIENT	EN 14617-11:2005	22.6x 10 -e /°C														
DIMENSIONAL STABILITY	EN 14617-12:2012	Class: A														
FROST AND THAW RESISTANCE	EN 14617-5:2012	Flexural strength after freeze and thaw resistance: 98.2MPa The change in flexural strength: 104.5%														
BREAKING LOAD AT DOWEL HOLE	EN 14617-8:2007	5660 N														
SURFACE RESISTIVITY	EN 14617-13:2015	1.56x10 ¹² O/sq														
VOLUME RESISTIVITY	EN 14617-13:2015	1.56x10 ¹² O/sq														
THERMAL CONDUCTIVITY	EN 15285:2008 Section 4.2.10 & EN 12664:2001 Heat flow meter method	0.746W/(m. K)														
CHEMICAL RESISTANCE	EN 14617-10:2012	Rating: C ₄														
RESISTANCE TO CHEMICALS AND STAINING AGENTS	EN 14688,CLAUSE 5.5	<table><tr><td>STAINING AGENT</td><td>CLEANING TEST</td></tr><tr><td>CH3COOH (10% VN)</td><td>REMOVAL</td></tr><tr><td>NaOH (5% m/m)</td><td>REMOVAL</td></tr><tr><td>C2H5OH (70% VN)</td><td>REMOVAL</td></tr><tr><td>NaOCl (5%)</td><td>REMOVAL</td></tr><tr><td>METHYLENE BLUE (1% m/m)</td><td>REMOVAL</td></tr><tr><td>NaCl (170 G/L)</td><td>REMOVAL</td></tr></table>	STAINING AGENT	CLEANING TEST	CH3COOH (10% VN)	REMOVAL	NaOH (5% m/m)	REMOVAL	C2H5OH (70% VN)	REMOVAL	NaOCl (5%)	REMOVAL	METHYLENE BLUE (1% m/m)	REMOVAL	NaCl (170 G/L)	REMOVAL
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RELEASE OF DANGER	SGS In-House method- GZfC CHEM-TOP-092-01, GZfC CHEM-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.	Pass														